

<b>MATERIALS TESTING REPORT</b>		U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE		<b>TRIAXIAL SHEAR TEST</b> with pore pressure measured	
PROJECT and STATE				SAMPLE LOCATION	
TYPE OF SAMPLE		TESTED AT		APPROVED BY	
DATE					
MINOR PRINCIPAL STRESS, $\sigma_3$ (psi)	PORE PRESSURE, U (psi)	EFFECTIVE MINOR PRINCIPAL STRESS, $\bar{\sigma}_3$ (psi)	DEVIATOR STRESS, $\sigma_1 - \sigma_3$ (psi)	FAILURE CRITERIA	AXIAL STRAIN AT FAILURE, $\epsilon$ (%)

PORE PRESSURE (u), psi

STRAIN ( $\epsilon$ ), %

SHEAR PARAMETERS

$\phi$  \_\_\_\_\_ deg

$\tan \phi$  \_\_\_\_\_

$c$  \_\_\_\_\_ psf

SHEAR STRESS

NORMAL STRESS ( $\sigma$ ), psi

REMARKS